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Prepared For: CLASS 4903

2012 Chevrolet Express Passenger AWD 1500 135"



2012 Chevrolet Express Passenger AWD 1500 135" 1LS (CH13406)

CLASS 4903

VAN FULLSIZE 8-PASSENGER AWD

OPTIONAL EQUIPMENT SUPERSEDES STANDARD EQUIPMENT

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Vehicle Information

SELECTED MODEL Code Description

CH13406 2012 Chevrolet Express Passenger AWD 1500 135" 1LS

SELECTED VEHICLE COLORS

SELECTED OPTIONS

Code	Description
FE9	EMISSIONS, FEDERAL REQUIREMENTS
LMF	ENGINE, VORTEC 5.3L V8 SFI FLEXFUEL, (310 hp [231.1 kW] @ 5200 rpm, 334 lb-ft of torque [450.9 N-m] @ 4500 rpm) (STD), (Standard on CG13406 and CH13406 models.)
M30	TRANSMISSION, 4-SPEED AUTOMATIC, ELECTRONICALLY CONTROLLED, with overdrive, tow/haul mode and internal transmission oil cooler (STD), (Standard on CG13406 or CH13406 models. Reference the Engine/Axle page for availability.)
GT4	REAR AXLE, 3.73 RATIO, (Requires CG13406 or CH13406 models. Not available with CG23406, CG33406 or CG33706 models., Reference the Engine/Axle page for availability.)
1LS	LS PREFERRED EQUIPMENT GROUP, Includes Standard Equipment
NX7	WHEELS, 4 - 17" X 7" (43.2 CM X 17.8 CM) STEEL, includes steel spare (STD), (Requires CG13406 or CH13406 models.)
ZY1	PAINT, SOLID, (STD)
50U	SUMMIT WHITE
ZP8	SEATING, 8-PASSENGER, (2-3-3 SEATING CONFIGURATION), (STD), (Standard on CG13406 or CH13406 model only. Available on CG23406 or CG33406 models.)
AS5	SEATS, FRONT BUCKET WITH CUSTOM CLOTH TRIM, head restraints and inboard armrests, (Requires (**G) interior trim., When ordering a seating arrangement that includes rear seats, includes rear bench seats with Custom Cloth trim. Head restraints are not available on rear bench seats.)
93G	MEDIUM PEWTER, CUSTOM CLOTH
U1C	AUDIO SYSTEM, AM/FM STEREO WITH CD PLAYER, seek-and-scan, digital clock, TheftLock, random select and 2 front door speakers
PDN	POWER PACKAGE, (Includes (ZQ2) Convenience Package and (DE5) outside heated, power-adjustable, Black mirrors (Upgradeable to (DE7) outside heated, power-adjustable, Black mirrors with turn signal indicators).)
KG3	ALTERNATOR, 145 AMPS, (Included with (C69) rear air conditioning.)
Z82	TRAILERING EQUIPMENT, HEAVY-DUTY, includes trailering hitch platform and 7-pin sealed connector (Includes (UY7) 7-lead trailer wiring harness.)
UY7	TRAILER WIRING, 7-PIN SEALED CONNECTOR, (Included with (Z82) heavy-duty trailering equipment.)
DE5	MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE, BLACK, MANUAL-FOLDING, (Requires (ZQ2) Convenience Package. Included with (PDN) Power Package.)
U80	COMPASS, 8-POINT DIGITAL, located in the Driver Information Center, (Included and only available with (C69) rear air conditioning.)
ZQ2	CONVENIENCE PACKAGE, POWER WINDOWS AND DOOR LOCKS, (Includes (AU3) power door locks and (A31) power windows., Included with (PDN) Power Package. NOTE: Does not include (ATG) Remote Keyless Entry. (ATG) Remote Keyless Entry must be ordered separately.)
ZQ3	CONVENIENCE PACKAGE, TILT-WHEEL AND CRUISE CONTROL, (Standard on the CG33406 and CG33706 models.)
A31	WINDOWS, POWER, (Included and only available with (ZQ2) Convenience Package.)
AU3	DOOR LOCKS, POWER, with lock-out protection, (Included with (ZQ2) Convenience Package. NOTE: Does not include (ATG) Remote Keyless Entry. (ATG) Remote Keyless Entry must be ordered separately.)
ATG	REMOTE KEYLESS ENTRY, with 2 transmitters and remote panic button, (Requires (AU3) power door locks. Available with (Y3H) Paratransit Package.)
K34	CRUISE CONTROL, (Included and only available with (ZQ3) Convenience Package, tilt-wheel and cruise control.)
C69	AIR CONDITIONING, REAR, (Requires (TR9) auxiliary lighting. Includes (C36) rear heater, (U80) digital compass and (KG3) 145-amp alternator. Standard on CG33706 models only. Included with (Y3H) Paratransit Package.)
C36	HEATER, REAR AUXILIARY, (Included with (C69) rear air conditioning. Standard on CG33706 models only.)



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Code	Description
DH6	VISORS, DRIVER AND FRONT PASSENGER, PADDED WITH CLOTH TRIM, and dual vanity mirrors, illuminated on passenger-side, (Included and only available with (TR9) auxiliary lighting. Standard on CG33706.)
TR9	LIGHTING, AUXILIARY, with reading and underhood lights, (Requires (C69) rear air conditioning. Includes (DH6) driver and front passenger visor vanity mirrors. Standard on CG33706 models only.)

AFTERMARKET OPTIONS

Chev-RunBds	
	Running Boards for fullsize passenger vans, both sides. Option code: AMO.
Chev2008-Alarm	
	Backup Alarm for fullsize passenger and cargo van. Option code: AMO.

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Standard Equipment

MECHANICAL

Engine, Vortec 5.3L V8 SFI FlexFuel (310 hp [231.1 kW] @ 5200 rpm, 334 lb-ft of torque [450.9 N-m] @ 4500 rpm) (Standard on CG13406 and CH13406 models.)

Transmission, 4-speed automatic, electronically controlled with overdrive, tow/haul mode and internal transmission oil cooler (Standard on CG13406 or CH13406 models. Reference the Engine/Axle page for availability.)

Rear axle, 3.42 ratio (Standard on CG13406 or CH13406, CG23406, CG33406, and CG33706 models. Reference the Engine/Axle page for availability.)

Tow/haul mode selector, instrument panel-mounted

All-wheel drive

Battery, 600 cold-cranking amps, maintenance-free with rundown protection and retained accessory power

Alternator, 125 amps (Standard on CG13406 and CH13406. Not available with (C69) rear air conditioning.)

Frame, ladder-type

Suspension, front independent with torsion bar (computer selected) and stabilizer bar (Standard and only available on *H13406 model.)

Suspension, rear hypoid drive axle with multi-leaf springs

GVWR, 7300 lbs. (3311 kg) (Standard on CG13406 or CH13406 models. Reference the Engine/Axle page for availability.)

Steering, power

Brakes, 4-wheel antilock, 4-wheel disc

Fuel tank capacity, mid-frame and approximately 31 gallons (117.3L)

Exhaust, aluminized stainless-steel muffler and tailpipe

EXTERIOR

Wheels, 4 - 17" x 7" (43.2 cm x 17.8 cm) steel includes steel spare (Requires CG13406 or CH13406 models.)

Tires, front P245/70R17 all-season, blackwall (Requires CG13406 or CH13406 models standard tire.)

Tires, rear P245/70R17 all-season, blackwall (Requires CG13406 or CH13406 models standard tire.)

Tire, spare P245/70R17 all-season, blackwall (Requires CG13406 or CH13406 models standard tire.)

Body, standard

Bumpers, front and rear painted Black with step-pad (Not available when ordered with (V37) front and rear chrome bumpers.)

Grille, Black composite with single rectangular halogen headlamps

Headlamps, halogen

Mirrors, outside manual, Black

Glass, Solar-Ray deep-tinted (all windows except light-tinted glass on windshield and driver- and front passenger-side glass)

Glass, swing-out side door windows

Glass, swing-out rear cargo door windows

Glass, full-body window package (Includes (A18) swing-out rear cargo door window glass and (A19) swing-out side door window glass.)

Wipers, front intermittent wet-arm with pulse washers

License plate kit, front

Door, swing-out passenger-side, 60/40 split

ENTERTAINMENT

Audio system, AM/FM stereo with seek-and-scan, digital clock and 2 front door speakers

INTERIOR

Seats, front bucket with vinyl trim and outboard head restraints, includes inboard armrests (Requires (**W) interior trim. When ordering a seating arrangement that includes rear seats, includes rear bench seats with vinyl trim. Head restraints are not available on rear bench seats.)

Seating, 8-passenger, (2-3-3 seating configuration) (Standard on CG13406 or CH13406 model only. Available on CG23406 or CG33406 models.)

Console, engine cover with open storage bin

Cup holders, 3 on the engine console cover



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Power outlets 2 auxiliary on engine console cover with covers, 12-volt

Floor covering, full-length Black rubberized-vinyl

Steering wheel steel sleeve column with theft-deterrent locking feature, Black

Instrumentation, analog with speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature and oil pressure

Driver Information Center includes fuel range, average speed, oil life, tire pressure monitoring, fuel used, ice warning, engine hours, average fuel economy, tachometer, and maintenance reminders. Compass and outside temperature available if equipped.

Oil life monitor

Warning tones, headlamp on and key-in-ignition

Theft-deterrent system, vehicle, PASS-Key III

Air conditioning, single-zone manual

Defogger, front and side windows

Mirror, inside rearview manual day/night

Headliner, cloth

Visors, driver and front passenger, cloth, padded (Not available on CG33706 models. Not available with (TR9) auxiliary lighting or (C69) rear air conditioning or (DAA) driver and front passenger vinyl visors or (DH6) driver and front passenger visors padded with cloth trim.)

Assist handle, front passenger

Lighting, interior with 2 dome lights defeat switch and door handle-activated switches

SAFETY

StabiliTrak, traction assistance and vehicle stability enhancement system

Brake/transmission shift interlock for automatic transmissions

Door beams, steel-side

Daytime Running Lamps

Air bags, frontal, driver and right-front passenger (Includes passenger-side air bag deactivation switch for models with (C6P) 8600 lbs. (3901 kg) GVWR and above. Always use safety belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

Air bags, head/side-curtain provides coverage for first 3-rows only. Enhanced-technology glass is provided for the fourth and fifth rows when equipped with 12- and 15-passenger seating. (Always use safety belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

OnStar, 6 months of Directions and Connections plan includes Automatic Crash Response, Emergency Services, Crisis Assist, Stolen Vehicle Assistance including Remote Ignition Block, Remote Door Unlock, Turn-by-Turn Navigation with Destination Download (requires navigation radio) and OnStar eNav (where available), OnStar Vehicle Diagnostics, Roadside Assistance, Remote Horn and Lights, and Hands Free Calling. (Also includes Stolen Vehicle Slowdown. Visit onstar.com for details and system limitations.)

Automatic Crash Response (Deleted when (UE0) OnStar delete is ordered.)

Stolen Vehicle Assistance (Deleted when (UE0) OnStar delete is ordered.)

OnStar Turn-by-Turn Navigation (Deleted when (UE0) OnStar delete is ordered.)

Child seat anchors all three passenger rear seats have four anchors and two tethers

Tire Pressure Monitor System (does not apply to spare tires)

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Technical Specifications

Neight Info	rmation	
roigin iiiic	Trim Curb Weight	5718.00 lbs
	Standard Weight - Front	0 lbs
	Standard Weight - Rear	0 lbs
	Base Trim Weight - Front	3145.00 lbs
	Base Trim Weight - Rear	2573.00 lbs
	Gross Axle Wt Rating - Front	3700 lbs
	Gross Axle Wt Rating - Rear	4000 lbs
	Curb Weight - Front	3145 lbs
	Curb Weight - Rear	2573 lbs
	Option Weight - Front	-58.00 lbs
	Option Weight - Rear	216.00 lbs
	Reserve Axle Capacity - Front	613.00 lbs
	Reserve Axle Capacity - Rear	1211.00 lbs
	As Spec'd Curb Weight	5876.00 lbs
	As Spec'd Payload	1424.00 lbs
	Maximum Payload Capacity	1582.00 lbs
	Gross Combined Wt Rating	12000 lbs
	Gross Axle Weight Rating	7700.00 lbs
	Curb Weight	5718.00 lbs
	Reserve Axle Capacity	1824.00 lbs
	Total Option Weight	158.00 lbs
	Payload Weight Front	0 lbs
	Payload Weight Rear	0 lbs
	Gross Vehicle Weight Rating	7300.00 lbs
Trailering		
	Dead Weight Hitch - Max Trailer Wt.	5000 lbs
	Dead Weight Hitch - Max Tongue Wt.	500 lbs
	Wt Distributing Hitch - Max Trailer Wt.	6000 lbs
	Wt Distributing Hitch - Max Tongue Wt.	900 lbs
	Maximum Trailering Capacity	6000 lbs
	Dead Weight Hitch - Max Trailer Weight	5000.00 lbs
	Dead Weight Hitch - Max Tongue Weight	500.00 lbs
	Weight Distributing Hitch - Max Trailer Weight	5824.00 lbs
	Weight Distributing Hitch - Max Tongue Weight	698.88 lbs
	Fifth Wheel Hitch - Max Trailer Weight	5824.00 lbs
	Fifth Wheel Hitch - Max Tongue Weight	1424.00 lbs



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Frame	Frame Type	Ladder-type
	Sect Modulus Rails Only	N/A in³
	Frame RBM	N/A N/A
	Frame Strength	N/A lbs
	Frame Thickness	N/A in
Suspensi		
	Suspension Type - Front	Torsion Bar
	Suspension Type - Rear	Hypoid Drive
	Spring Capacity - Front	3700 lbs
	Spring Capacity - Rear	4000 lbs
	Axle Type - Front	Independent
	Axle Type - Rear	Semi-Floating
	Axle Capacity - Front	3700 lbs
	Axle Capacity - Rear	4000 lbs
	Axle Ratio (:1) - Front	3.73
	Axle Ratio (:1) - Rear	3.73
	Shock Absorber Diameter - Front	N/A mm
	Shock Absorber Diameter - Rear	
	Stabilizer Bar Diameter - Front	1.3 in
	Stabilizer Bar Diameter - Rear	
Γires		
	Front Tire Order Code	XPR
	Rear Tire Order Code	YPR
	Spare Tire Order Code	ZPR
	Front Tire Size	P245/70R17
	Rear Tire Size	P245/70R17
	Spare Tire Size	P245/70R17
	Front Tire Capacity	2063 lbs
	Rear Tire Capacity	2063 lbs
	Spare Tire Capacity	N/A lbs
	Revolutions/Mile @ 45 mph - Front	N/A
	Revolutions/Mile @ 45 mph - Rear	N/A
	Revolutions/Mile @ 45 mph - Spare	N/A
Wheels	Totaldionomina & To Inpir Opuro	1 4// 1
	Front Wheel Size	17 x 7.0 in
	Rear Wheel Size	17 x 7.0 in
	Spare Wheel Size	17 x 7.0 in
	Front Wheel Material	Steel
	Rear Wheel Material	Steel



Spare Wheel Material

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Steel

Steering		
	Steering Type	Pwr
	Steering Ratio (:1), On Center	17.2
	Steering Ratio (:1), At Lock	17.2
	Turning Diameter - Curb to Curb	43.4 ft
	Turning Diameter - Wall to Wall	N/A ft
Brakes		
	Brake Type	Pwr
	Brake ABS System	4-Wheel
	Brake ABS System (Second Line)	
	Disc - Front (Yes or)	Yes
	Disc - Rear (Yes or)	Yes
	Front Brake Rotor Diam x Thickness	12.0 x 1.1 in
	Rear Brake Rotor Diam x Thickness	13.0 x 1.2 in
	Drum - Rear (Yes or)	
	Rear Drum Diam x Width	
Fuel Tank		
	Fuel Tank Capacity, Approx	31.0 gal
	Aux Fuel Tank Capacity, Approx	
	Fuel Tank Location	Mid-frame
	Aux Fuel Tank Location	
VEHICLE		
Emissions		
	Tons/yr of CO2 Emissions @ 15K mi/year	13.3 (2011)
	EPA Greenhouse Gas Score	1 (2011)
Vehicle		
	Rear Door Type	Panel



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POWERTRAIN

Transmission

iransmissi	Drivetrain	All Wheel Drive
	Trans Order Code	M30
		4
	Trans Description Cont	Automatic
	Trans Description Cont.	Automatic
	Trans Description Cont. Again	2.00
	First Gear Ratio (:1)	3.06
	Second Gear Ratio (:1)	1.63
	Third Gear Ratio (:1)	1.00
	Fourth Gear Ratio (:1)	0.70
	Reverse Ratio (:1)	2.29
	Clutch Size	
	Trans Power Take Off	
	Final Drive Axle Ratio (:1)	N/A
	Transfer Case Model	N/A
	Transfer Case Gear Ratio (:1), High	1.00
	Transfer Case Gear Ratio (:1), Low	N/A
	Transfer Case Power Take Off	
Mileage		
	EPA Fuel Economy Est - Hwy	17 (2011) MPG
	Cruising Range - City	403.00 mi
	EPA Fuel Economy Est - City	13 (2011) MPG
	Fuel Economy Est-Combined	14 (2011) MPG
	Cruising Range - Hwy	527.00 mi
Engine		
	Engine Order Code	LMF
	Engine Type	Gas/Ethanol V8
	Displacement	5.3L/323
	Fuel System	Electronic Fuel Injection
	SAE Net Horsepower @ RPM	310 @ 5200
	SAE Net Torque @ RPM	334 @ 4500
	Engine Oil Cooler	
Electrical		
	Cold Cranking Amps @ 0° F (Primary)	600
	Cold Cranking Amps @ 0° F (2nd)	
	Cold Cranking Amps @ 0° F (3rd)	N/A
	Maximum Alternator Capacity (amps)	145
Cooling Sy		
	Total Cooling System Capacity	N/A qts
DIMENSION		r



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Interior Dimensions

interior Di	mensions	
	Passenger Capacity	8
	Front Head Room	39.8 in
	Front Leg Room	41.3 in
	Front Shoulder Room	68.8 in
	Front Hip Room	65.5 in
	Second Head Room	38.4 in
	Second Leg Room	36.3 in
	Second Shoulder Room	68.6 in
	Second Hip Room	65.6 in
	Third Head Room	38.5 in
	Third Leg Room	36.6 in
	Third Shoulder Room	65.8 in
	Third Hip Room	63.3 in
Exterior D	imensions	
	Wheelbase	135.0 in
	Length, Overall w/o rear bumper	N/A in
	Length, Overall w/rear bumper	224.1 in
	Width, Max w/o mirrors	79.2 in
	Height, Overall	83.7 in
	Overhang, Front	39.7 in
	Overhang, Rear w/o bumper	N/A in
	Front Bumper to Back of Cab	N/A in
	Cab to Axle	N/A in
	Cab to End of Frame	N/A in
	Ground to Top of Load Floor	29.1 in
	Ground to Top of Frame	N/A in
	Frame Width, Rear	N/A in
	Ground Clearance, Front	8.2 in
	Ground Clearance, Rear	7.1 in
	Body Length	0.00 ft
	Rear Door Opening Height	49.4 in
	Rear Door Opening Width	57.0 in
	Side Door Opening Height	47.9 in
	Side Door Opening Width	44.1 in
	Step Up Height - Front	19.4 in
	Step Up Height - Side	19.8 in
	Cab to Body	N/A in



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Cargo Area Dimensions

N/A in 153.6 in 126.2 in 89.1 in 57.1 in N/A in
126.2 in 89.1 in 57.1 in N/A in
89.1 in 57.1 in N/A in
57.1 in N/A in
N/A in
N/A in
N/A in
50.4 in
51.8 in
N/A in
N/A ft³
216.2 ft ³
N/A ft³
92.1 ft³
N/A ft³

Side Door Type Swing-out

Report content is based on current data. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.



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Warranty Information

Basic:	
3 Years/36,000 Miles	
Drivetrain:	
5 Years/100,000 Miles	
Corrosion:	
3 Years/36,000 Miles	
Rust-Through	
6 Years/100,000 Miles	
Emissions:	
Gas Engine	
2 Years/24,000 Miles	
Short Term California	
3 Years/50,000 Miles	
Roadside Assistance:	
5 Years/100,000 Miles	



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